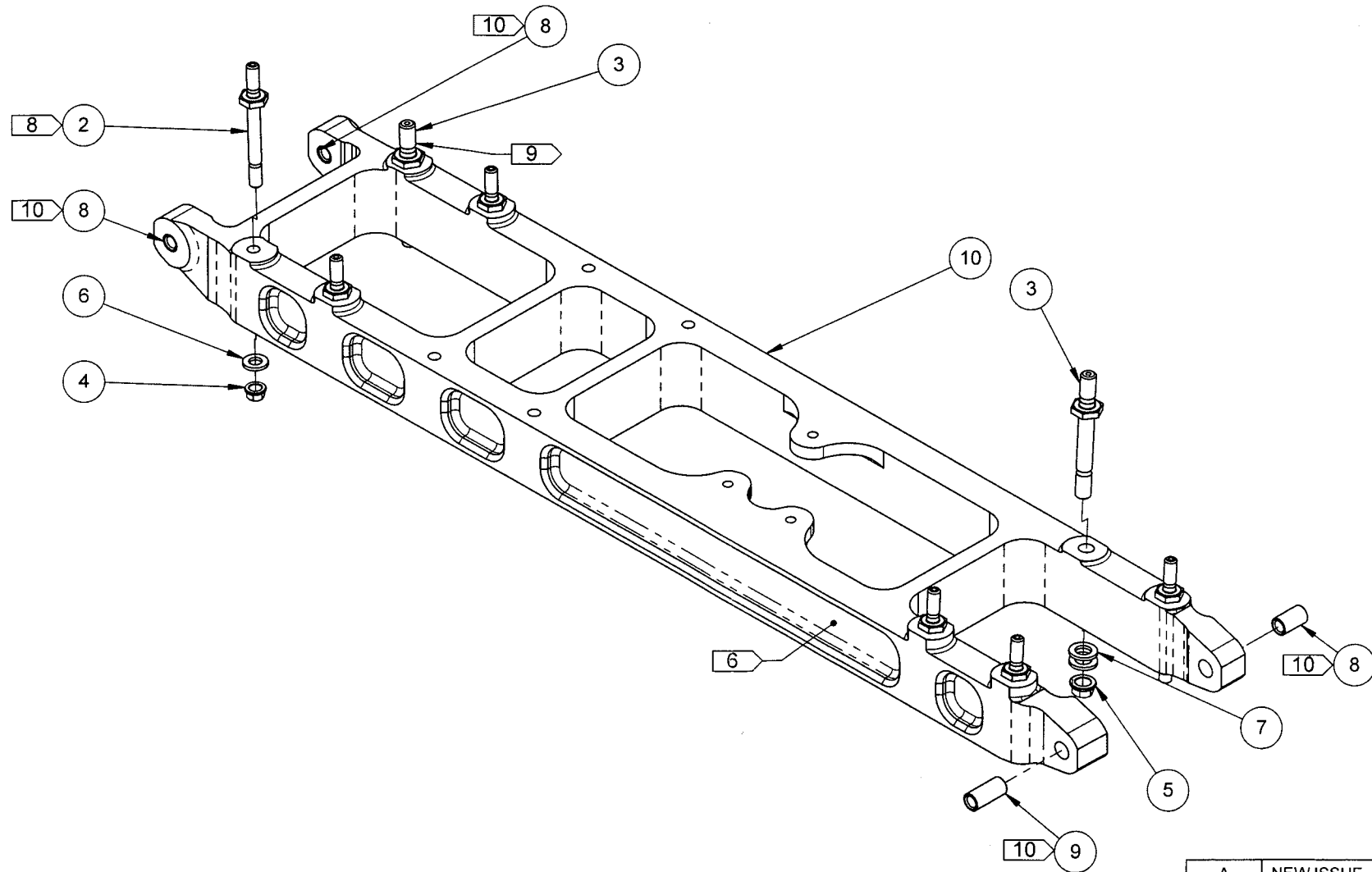


ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION
1	X	E4702-041	LADDER ASSEMBLY
2	6	E4715-1	STUD
3	2	E4715-3	STUD
4	6	MS21042L4	NUT
5	2	MS21042L5	NUT
6	6	NAS1149D0463J	WASHER
7	3	NAS1149D0563J	WASHER
8	3	NAS76A4-020P	BUSHING
9	1	NAS76A4-025P	BUSHING
10	1	E4702-1	LADDER



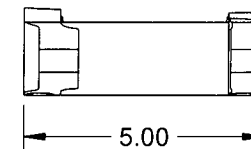
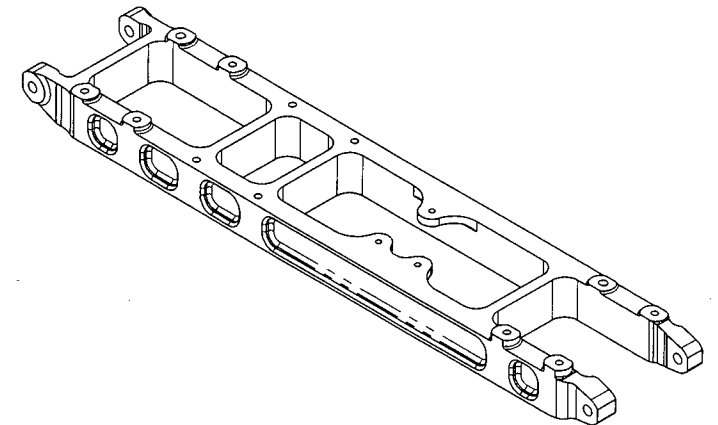
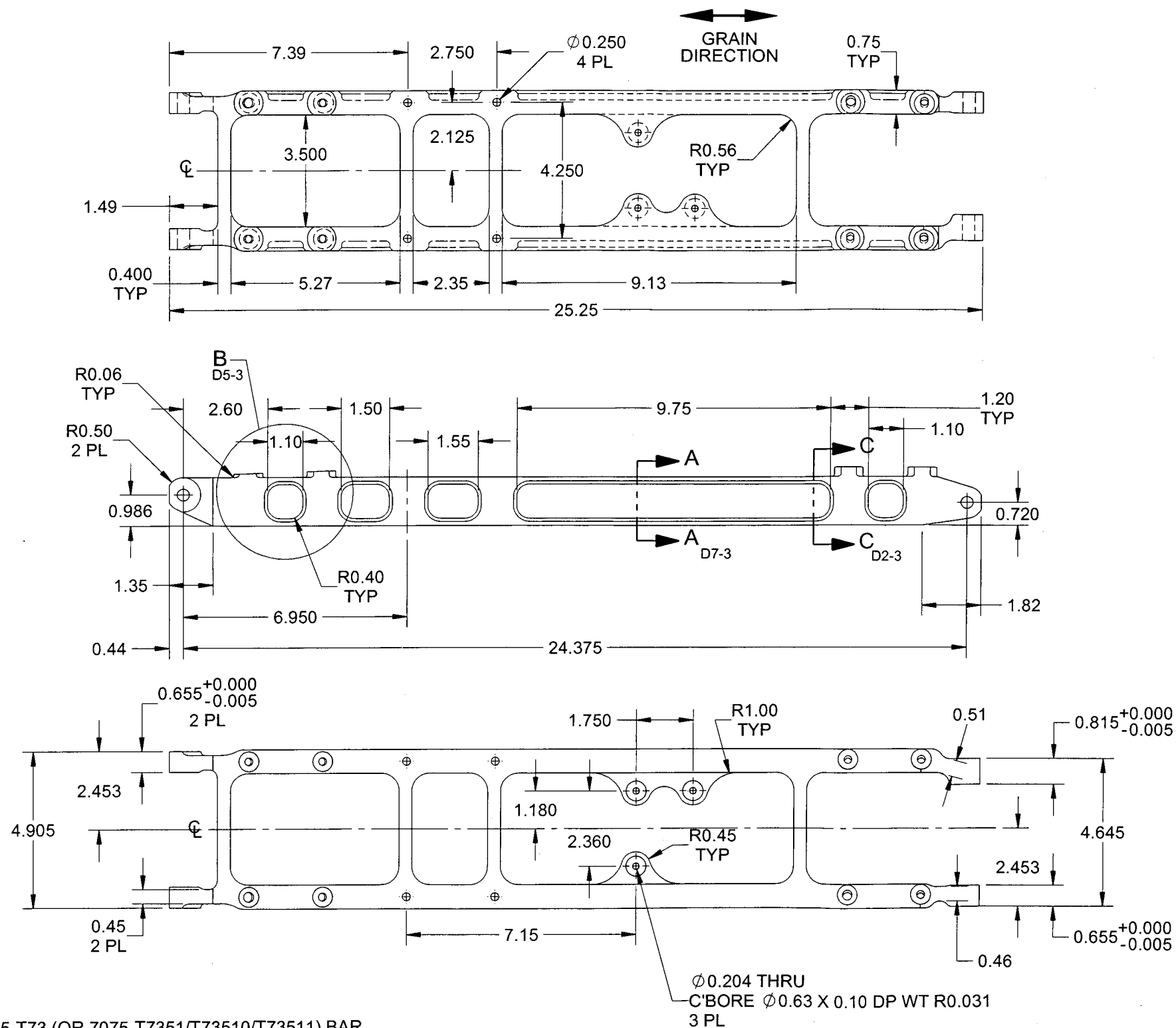
E4702-041 LADDER ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 6.15 lbs
- 8) TORQUE 1/4" FASTENERS TO 50-70 IN-LB (6 PL)
- 9) TORQUE 5/16" FASTENERS TO 100-140 IN-LB (2 PL)
- 10) REAM BUSHING HOLES USING  $\varnothing 0.3745$  REAMER. INSTALL BUSHINGS WITH WET PRIMER.

RELEASED  
2013-11-23  
JW

A	NEW ISSUE	RF	12.08.27
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>EAGLE COPTERS LTD.</b> CALGARY, ALBERTA, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	E4702	SHEET 1 OF 3
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	LADDER	NTS
DATE	12.08.27	COPYRIGHT © 2012 BY EAGLE COPTERS LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM EAGLE COPTERS LTD.	



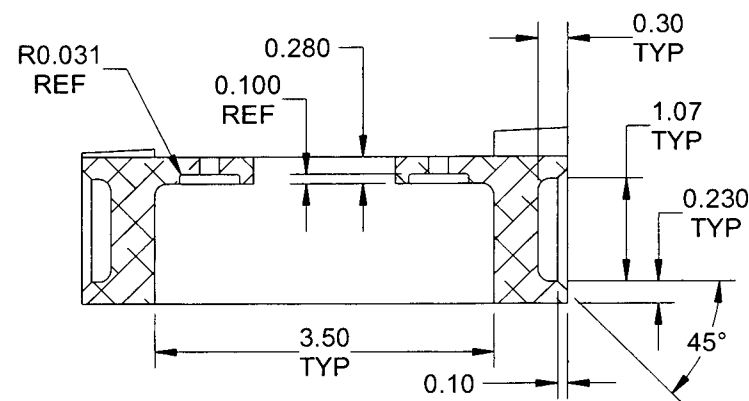
- NOTES:**
- 1) MATERIAL: 7075-T73 (OR 7075-T7351/T73510/T73511) BAR  
PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 (AMS 4124)  
OR AMS-QQ-A-250/12 (AMS 4078)  
REF DART SPEC M7075T73B
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
PRIME YELLOW PER DART QSI 005 4.2
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 5.64 lbs
  - 8) SURFACE FINISH TO BE NO GREATER THAN 80 MICROINCH
  - 9) UNDEFINED FEATURES ARE CONTROLLED BY SOLIDWORKS MODEL E4702
  - 10) LPI PER ASTM 1417 LEVEL 2

### E4702-1 LADDER

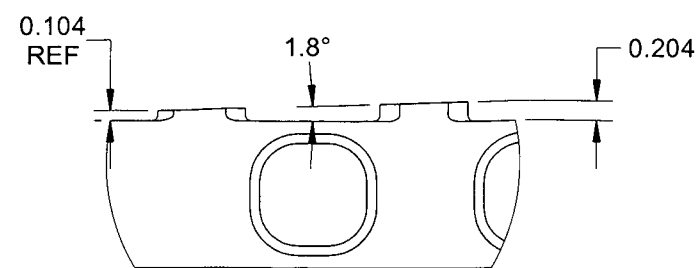
**CRITICAL PART**  
MRB DECISIONS ON THIS PART MAY ONLY BE PERFORMED BY  
DART DE#02. ANY CHANGES TO THE DESIGN, MANUFACTURING  
PROCESS, APPROVED OPERATING ENVIRONMENT, AND DESIGN  
LOADING SPECTRUM WILL REQUIRE A REVIEW OF THE FATIGUE  
EVALUATION FOR THIS PART.

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MFG. APPR.	<i>[Signature]</i>	E4702	SHEET 2 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LADDER	NTS
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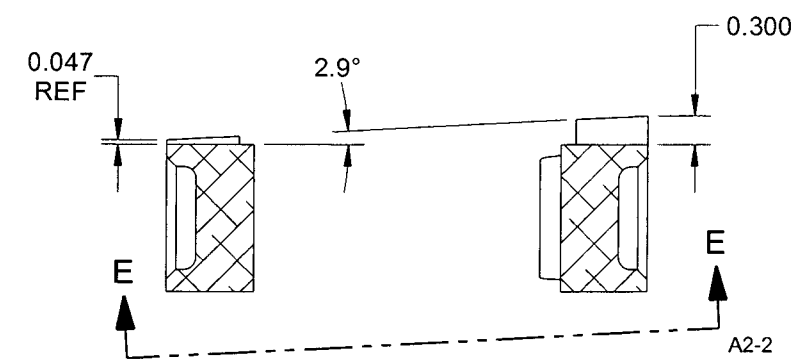
**RELEASED**  
2013-11-23  
*[Signature]*



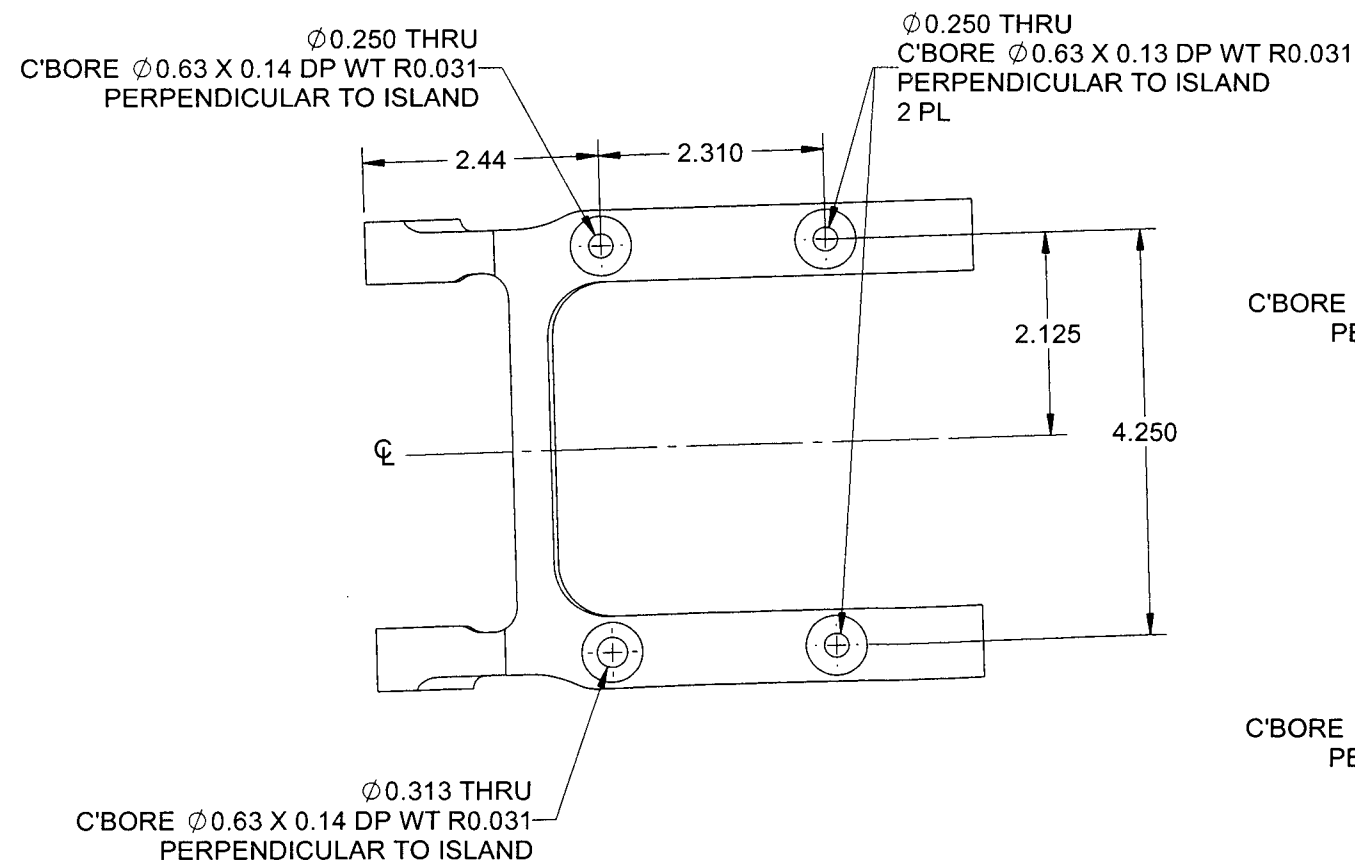
**SECTION A-A** C5-2



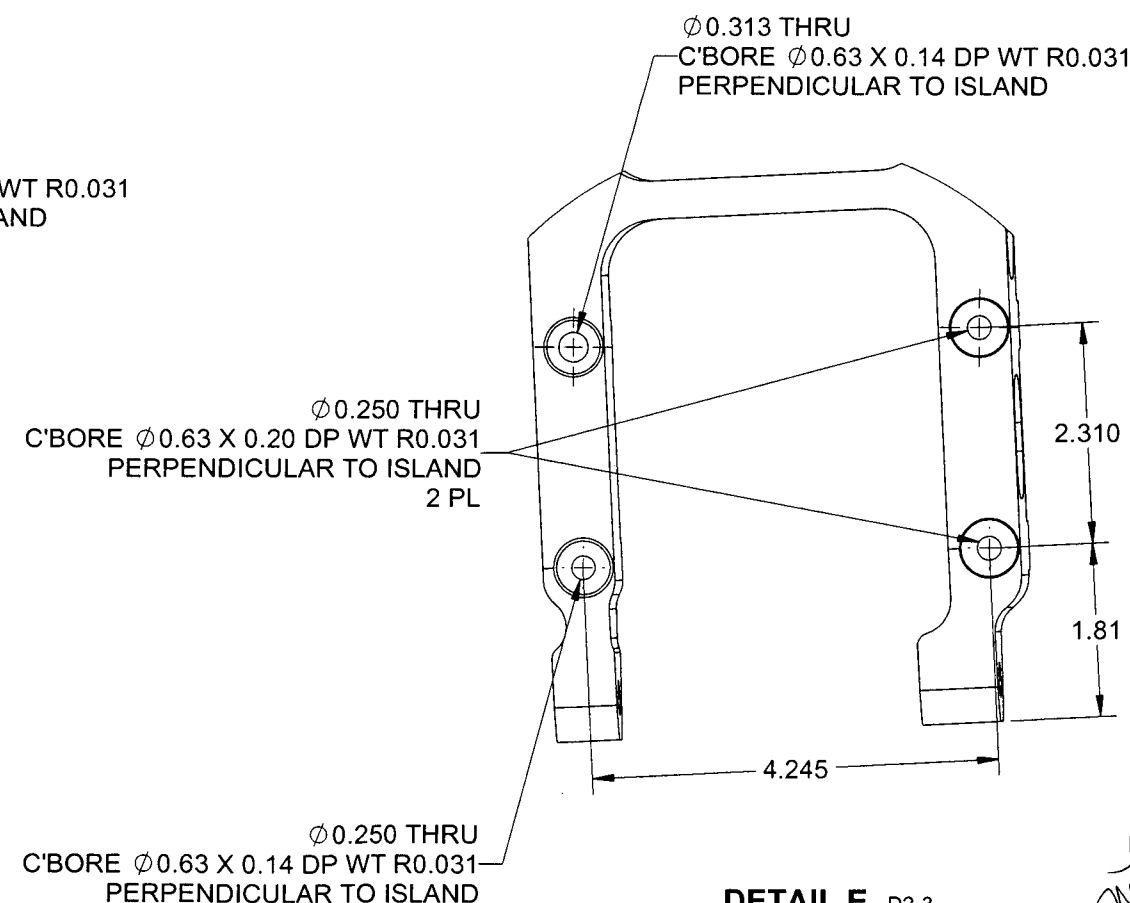
**DETAIL B** C7-2



**SECTION C-C** B2-3



**SECTION D-D** C5-3



**DETAIL E** D2-3

**RELEASED**  
2013-11-28

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APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>LADDER</b>	NTS
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